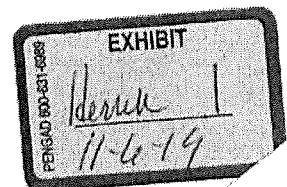


**DEFENDANT TURTLE WAX, INC.'S
EXHIBIT F**

No. 0228

EXPERT REPORT OF
ROBERT F. HERRICK, Sc.D., CIH, FAIHA



timeframe of 2000s. Mr. Rhyne left work in May of 2015, received 6 months of short-term disability and then went on long-term disability.

Table 3 Daily Average Benzene Exposure by Product and Facility		
Process/Product	Daily Exposure Midpoint (ppm)	Daily Exposure Range (ppm)
Kutzit		
Home use	0.04	0.03 – 0.06
East Lincoln High School	Not determined	–
Setzer's 1974	1.22	–
Setzer's 1975	0.005	–
Duke Energy – Maintenance	0.024	0.002 – 0.048
Rust Penetrant Liquid Wrench		
Home use	0.01	–
East Lincoln High School	0.075	0.004 – 0.25
Setzer's	0.02	0.001 – 0.07
Duke Energy – Pipe Fab Shop		
LW containing 3% benzene	1.5	1.3 – 1.7
LW containing 5% benzene	2.5	2.17 – 3.02
LW containing 7% benzene	3.5	3.2 – 3.8
Safety-Kleen Mineral Spirits Parts Washers		
East Lincoln High School	0.21	0.11 – 0.41
Setzer's	0.05	–
Duke Energy – Pipe Fab Shop	0.82	0.41 – 1.65
Duke Energy – Maintenance	0.2	0.11 – 0.38
Mineral Spirits Cleaning		
Duke Energy – Maintenance	0.56	0.34 – 1.09
Spotcheck		
Duke Energy	Not determined	–
Tap Magic/Rapid tap		
Duke Energy	Not determined	–
CRC products		
Duke energy – Maintenance [10 ppm benzene]	0.007	0.003 – 0.013
Duke energy – Maintenance [100 ppm benzene]	0.07	0.04 – 0.13
Kroil		
Duke Energy – Maintenance	0.5	0.01 – 1.0
Marvel Mystery Oil		
Duke Energy – Maintenance	Not determined	–

DERMAL EXPOSURES

Mr. Rhyne stated that he had skin contact with some materials he worked with, particularly Liquid Wrench while he was beveling and cutting metal parts. The potential for skin exposure to

Table 4 Cumulative Benzene Exposure by Product and Facility		
Process/Product	Cumulative Exposure Midpoint (ppm-years)	Cumulative Exposure Range (ppm-years)
Kutzit		
Home use	0.24	0.18 – 0.36
East Lincoln High School	Not determined	--
Setzer's 1974	1.22	--
Setzer's 1975	0.05	--
Duke Energy – Maintenance	0.31	0.03 – 0.62
Rust Penetrant Liquid Wrench		
Home use	0.1	--
East Lincoln High School	0.15	0.08 – 0.5
Setzer's	0.048	0.002 – 0.142
Duke Energy – Pipe Fab Shop		
LW containing 3% benzene	3.75	3.25-4.25
LW containing 5% benzene	6.25	5.42-7.55
LW containing 7% benzene	8.75	8.00-9.50
Safety-Kleen Mineral Spirits Parts Washers		
East Lincoln High School	0.42	0.22 – 0.82
Setzer's	0.1	0.06 – 0.2
Duke Energy – Pipe Fab Shop	2.49	1.23 – 4.95
Duke Energy – Maintenance	1.4	0.77 – 2.66
Mineral Spirits Cleaning		
Duke Energy – Maintenance	2.8	1.7 – 5.45
Spotcheck		
Duke Energy	Not determined	--
Tap Magic/Rapid tap		
Duke Energy	Not determined	--
CRC products		
Duke Energy – Maintenance		
10 ppm benzene	0.049	0.021 – 0.091
100 ppm benzene	0.49	0.21 – 0.91
Kroil		
Duke Energy – Maintenance	3.5	0.07 – 7.0
Marvel Mystery Oil		
Duke Energy – Maintenance	Not determined	--
Total		
Low (3% benzene LW; 10 ppm benzene CRC)	17.07	8.86 – 28.37
Medium (5% benzene LW; 10 ppm benzene CRC)	19.57	13.04 – 33.5
High (7% benzene LW; 100 ppm benzene CRC)	21.63	13.8 – 34.44